

Application No. (not yet assigned)

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1- 28 (cancelled)

29. (new) A speaker system which transmits sound to a listening area by reflection, the speaker system including:

at least one speaker enclosure comprising an enclosure housing;

at least one electro-acoustic transducer supported on said housing; and

a reflective horn for reflecting sound from said transducer into the listening area, said at least one transducer facing in use away from said listening area, said reflective horn having:

a rear reflecting panel opposite said transducer,

an opening through which sound reflected from said transducer exits said reflective horn, and

a top reflecting panel defining a boundary of said opening, said top reflecting panel extending at 50° to 150° from said rear reflecting panel.

30. (new) A speaker system as claimed in claim 29, wherein said rear reflecting panel is angled at 20° to 60° to the at least one transducer.

31. (new) A speaker system as claimed in claim 29 wherein the at least one transducer is tilted relative to the rear reflecting panel at an angle of 0° to 60°.

32. (new) A speaker system as claimed in claim 31, wherein when the at least one transducer is at a height of up to 1m above a floor, the transducer is tilted upwardly, at a zero tilt when between 1 and 1.5m above a floor, and tilted downwardly when over 1.5 m above a floor.

33. (new) A speaker system as claimed in claim 29 wherein the reflective horn includes a bottom reflecting panel connected to the rear reflecting panel and extending at 50° to 150° to the rear reflecting panel.

34. (new) A speaker system as claimed in claim 29 wherein the reflective horn includes at least one side reflecting panel, said side reflecting panel defining a side boundary of said opening.

35. (new) A speaker system as claimed in claim 34 wherein the reflective horn includes a pair of side reflecting panels, said side reflecting panels defining opposite boundaries of said opening.

36. (new) A speaker system as claimed in claim 35 wherein said opening of said reflective horn is located above said enclosure.

37. (new) A speaker system which transmits sound to a listening area by reflection, the speaker system including:

at least one speaker enclosure comprising an enclosure housing having a baffle panel;

at least one electro-acoustic transducer supported on said baffle panel; and
a reflective horn for reflecting and directing sound from said transducer into the listening area, said baffle panel facing in use in a rearward direction relative to said listening area such that said at least one transducer is directed away from said listening area, said reflective horn having:

a planar or concave reflecting surface opposite said baffle panel, and
an opening through which sound from said transducer reflected from said reflecting surface exits said reflective horn in use towards said listening area.

38. (new) A speaker system as claimed in claim 37 wherein said reflecting surface comprises a planar reflecting surface defined by a planar rear reflecting panel opposite said baffle panel, said baffle panel being tilted away from said rear reflecting panel.

39. (new) A speaker system as claimed in claim 38 wherein said reflective horn includes a further reflecting panel extending from said rear reflecting panel and defining a boundary of said opening.

40. (new) A speaker system as claimed in claim 39 wherein said reflective horn includes opposite side panels defining opposite boundaries of said opening.

41. (new) A speaker system as claimed in claim 37 wherein said speaker enclosure includes a pair of opposite side panels, said side panels defining sides of said housing and said reflective horn and side boundaries of said opening.

42. (new) A speaker system as claimed in claim 37 wherein said speaker enclosure includes a top reflecting panel defining a top reflecting panel of said reflective horn, said top reflecting panel extending from said rear reflecting panel and defining an upper boundary of said opening, said top reflecting panel extending at 50° to 150° from said rear reflecting panel.

43. (new) A speaker system as claimed in claim 39 wherein said speaker enclosure includes a front panel defining the front of said housing and a top panel extending from said front panel, said top panel defining a lower boundary of said opening, said baffle panel extending from said top panel.

44. (new) A speaker system as claimed in claim 37 wherein said reflective surface comprises a concave reflecting surface defined by a concave panel.

45. (new) A speaker system as claimed in claim 44 wherein said concave panel is defined by the wall of a part spherical shell, said part spherical shell further defining said enclosure housing.

46. (new) A speaker system as claimed in claim 45 wherein said enclosure housing is further defined between a baffle panel extending radially of said shell and a top enclosure housing panel extending radially of said shell.

47. (new) A speaker system as claimed in claim 46 wherein said opening is defined between the shell wall and the top panel.

48. (new) A speaker system as claimed in claim 37, wherein the speaker system comprises two speaker enclosures comprising a right-channel speaker enclosure and a left-channel speaker enclosure, each said enclosure having an associated reflective horn and wherein said openings of the respective horns are opposite each other.